



Part Number: 83028

Hook-Up/Lead Wire UL AWM Style 1180, (1) 20 AWG (7x28) SPC, TFE, 300V, 200°C

Product Description

One 20 AWG stranded (7x28) silver plated copper conductor, TFE insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	SPC - Silver Plated Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.068 in	0.015 in

Electrical Characteristics

Current

Max. Recommended Current [A]
6.5 A

Voltage

Non-UL Voltage Rating	UL Voltage Rating
1000 V	300 V RMS

Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	200°C

Mechanical Characteristics

Bulk Cable Weight:	6.90 lbs/1000ft
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Standards

UL AWM Style:	1180
ISO/IEC Compliance:	Other Standards
Military Specification:	MIL-W-16878/5

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
83028 010100	BLACK
83028 0101000	BLACK
83028 006100	BLUE, LIGHT
83028 0061000	BLUE, LIGHT
83028 005100	GREEN, DARK
83028 0051000	GREEN, DARK
83028 003100	ORANGE
83028 0031000	ORANGE
83028 002100	RED
83028 0021000	RED
83028 009100	WHITE
83028 0091000	WHITE

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